|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Booker T Washington Middle School/ Young Audiences of MD | | | | | | | |
| Your Name: Alexis Suskin-Sperry | | | | | Grade 7 | | |
| School Name: **Booker T Washington Middle School** | | | | | | | |
| Lesson Title: **Endocytosis and Exocytosis** | | | | | | | |
| MSC | **Music** | **Standard:** Students will demonstrate the ability to organize musical ideas and sounds creatively.  **Indicator:** Explore musical ideas through simple [improvisations](javascript:openPopupWH('/share/vsc/glossary/music/improvisation.html',200,200))  **Objectives:** Improvise short [melodies](javascript:openPopupWH('/share/vsc/glossary/music/melody.html',200,200)) | | | | | |
| **Science** | Cellular Processes (Cell Unit)🡪 Endocytosis and Exocytosis | | | | | |
|  |  | KNOWLEDGE OBJECTIVES  (To Know) | SKILL  OBJECTIVES  (To Be Able To Do) | FORMATIVE  ASSESSMENT | | SUMATIVE  ASSESSMENT | 21ST CENTURY SKILLS |
| LESSON PLAN  **Part 1** | **Music** | Elements of music (PITCH) | Analyze how pitch communicates a movement or a feeling. | **Pre-survey –** quick poll of previous knowledge🡪give them an example of pitch and see the language they use to describe it.  **Informal assessment** – observation and documentation of small-group and whole- classroom discussion | | **Final Performance –** Students perform their representation of exocytosis and endocytosis and justify their choice of pitch and what that communicates about the process.  **Brief Paragraph –** Students must write 3-5 sentences about their choice of pitch and why it communicates the cellular processes. | • Critical thinking and problem solving  • Collaboration, teamwork, and leadership  • Communication |
| **Science** | Exocytosis is how cells get rid of waste or send messages to other cells. Endocytosis is how cells take in food and other particles and messages from other cells.  Exo=EXIT  Endo=WITHIN  - | Differentiating between exocytosis and endocytosis | Do Now responses | | Final Performance, brief paragraph and exit ticket responses on exo and endocytosis.  - | - |